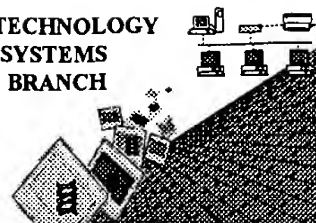


0590
1115

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/863,600D
Source: OIPZ
Date Processed by STIC: 11/21/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
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TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mail One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



OIPE

RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/863,600D

TIME: 13:50:08

Input Set : A:\PRI0014.ST25.txt

Output Set: N:\CRF4\11212002\I863600D.raw

3 <110> APPLICANT: Smith-Swintosky, Virginia
 4 Renzi, Michael
 5 Plata-Salaman, Carlos
 6 Jolliffe, Linda
 7 Farrell, Francis
 8 Johnson, Dana
 10 <120> TITLE OF INVENTION: Neuroprotective Peptides
 12 <130> FILE REFERENCE: PRI-0014 (ORT-1436)
 14 <140> CURRENT APPLICATION NUMBER: 09/863,600D
 C--> 15 <141> **CURRENT FILING DATE: 2002-11-01**
 17 <150> PRIOR APPLICATION NUMBER: 60/207,654
 18 <151> PRIOR FILING DATE: 2000-05-26
 20 <160> NUMBER OF SEQ ID NOS: 49
 22 <170> SOFTWARE: PatentIn version 3.1
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 10
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Artificial Sequence
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 30 <223> OTHER INFORMATION: Synthetic Peptide
 32 <220> FEATURE:
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 34 <222> LOCATION: (1)..(1)
 35 <223> OTHER INFORMATION: Xaa is Cys,Glu,Ala,a-amino gamma bromobutyric
 acid,homocysteine
 38 <220> FEATURE:
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 40 <222> LOCATION: (2)..(2)
 41 <223> OTHER INFORMATION: Xaa is Arg,His,Tyr,Leu,Val
 44 <220> FEATURE:
 45 <221> NAME/KEY: misc_feature
 46 <222> LOCATION: (3)..(3)
 47 <223> OTHER INFORMATION: Xaa is Met,Phe,Ile
 50 <220> FEATURE:
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 52 <222> LOCATION: (6)..(6)
 53 <223> OTHER INFORMATION: Xaa is any L or D amino acid
 56 <220> FEATURE:
 57 <221> NAME/KEY: misc_feature
 58 <222> LOCATION: (9)..(9)
 59 <223> OTHER INFORMATION: Xaa is Asp,Glu,Ile,Leu,Val
 62 <220> FEATURE:
 63 <221> NAME/KEY: misc_feature
 64 <222> LOCATION: (10)..(10)

PP.3,5-6
 Does Not Comply
 Corrected Diskette Needed

RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/863,600D

TIME: 13:50:08

Input Set : A:\PRI0014.ST25.txt

Output Set: N:\CRF4\11212002\I863600D.raw

65 <223> OTHER INFORMATION: Xaa is Cys,Lys,Ala,alfa amino gamma bromobutyric
acid,homocystein

66 e

69 <400> SEQUENCE: 1

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75 <210> SEQ ID NO: 2

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77 <212> TYPE: PRT

78 <213> ORGANISM: Artificial Sequence

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86 <223> OTHER INFORMATION: Xaa is any L or D amino acid

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91 <222> LOCATION: (4)..(4)

92 <223> OTHER INFORMATION: Xaa is any any L or D amino acid

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97 <222> LOCATION: (5)..(5)

98 <223> OTHER INFORMATION: Xaa is any any L or D amino acid

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103 <222> LOCATION: (11)..(11)

104 <223> OTHER INFORMATION: Xaa is any any L or D amino acid

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109 <222> LOCATION: (12)..(12)

110 <223> OTHER INFORMATION: Xaa is any any L or D amino acid

113 <220> FEATURE:

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115 <222> LOCATION: (3)..(3)

116 <223> OTHER INFORMATION: Xaa is Cys

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120 <221> NAME/KEY: misc_feature

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131 <210> SEQ ID NO: 3

132 <211> LENGTH: 16

133 <212> TYPE: PRT

134 <213> ORGANISM: Artificial Sequence

136 <220> FEATURE:

137 <223> OTHER INFORMATION: Synthetic Peptide

139 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/863,600D

TIME: 13:50:08

Input Set : A:\PRI0014.ST25.txt

Output Set: N:\CRF4\11212002\I863600D.raw

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 142 <223> OTHER INFORMATION: Xaa is any L or D amino acid
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 165 <222> LOCATION: (14)..(14)
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 170 <221> NAME/KEY: misc_feature
 171 <222> LOCATION: (15)..(15)
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 176 <221> NAME/KEY: misc_feature
 177 <222> LOCATION: (16)..(16)
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 182 <221> NAME/KEY: misc_feature
 183 <222> LOCATION: (4)..(4)
 184 <223> OTHER INFORMATION: Xaa is Cys, Glu, Ala
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 190 <223> OTHER INFORMATION: Xaa is Agr, His, Tyr
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 195 <222> LOCATION: (6)..(6)
 196 <223> OTHER INFORMATION: Xaa is Met, Phe, Ile
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 200 <221> NAME/KEY: misc_feature
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 202 <223> OTHER INFORMATION: Xaa is Cys, Lys, Ala
 205 <400> SEQUENCE: 3

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 211 <210> SEQ ID NO: 4
 212 <211> LENGTH: 16
 213 <212> TYPE: PRT

invalid amino acid designator

RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/863,600D

TIME: 13:50:08

Input Set : A:\PRI0014.ST25.txt

Output Set: N:\CRF4\11212002\I863600D.raw

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217 <223> OTHER INFORMATION: Synthetic Peptide
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225 <220> FEATURE:
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233 <222> LOCATION: (9)..(9)
234 <223> OTHER INFORMATION: Xaa is L or D amino acid
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240 <223> OTHER INFORMATION: Xaa is L or D amino acid
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245 <222> LOCATION: (5)..(5)
246 <223> OTHER INFORMATION: Xaa is Arg, His, or Tyr
249 <220> FEATURE:
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252 <223> OTHER INFORMATION: Xaa is Met, Phe, or lle
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256 <221> NAME/KEY: misc_feature
257 <222> LOCATION: (12)..(12)
258 <223> OTHER INFORMATION: Xaa is Cys, Lys, or Ala
261 <400> SEQUENCE: 4
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278 <223> OTHER INFORMATION: Xaa is any L or D amino acid
281 <220> FEATURE:
282 <221> NAME/KEY: misc_feature
283 <222> LOCATION: (3)..(3)
284 <223> OTHER INFORMATION: Xaa is L or D amino acid
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RAW SEQUENCE LISTING

DATE: 11/21/2002

PATENT APPLICATION: US/09/863,600D

TIME: 13:50:08

Input Set : A:\PRI0014.ST25.txt

Output Set: N:\CRF4\11212002\I863600D.raw

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 295 <222> LOCATION: (16)..(16)
 296 <223> OTHER INFORMATION: Xaa is L or D amino acid
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 300 <221> NAME/KEY: misc_feature *"Cys" is at location 4*
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 302 <223> OTHER INFORMATION: Xaa is Cys, Glu, Ala
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 307 <222> LOCATION: (5)..(5)
 308 <223> OTHER INFORMATION: Xaa is Arg, His
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 312 <221> NAME/KEY: misc_feature
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 314 <223> OTHER INFORMATION: Xaa is Met, Phe
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 318 <221> NAME/KEY: misc_feature
 319 <222> LOCATION: (9)..(9)
 320 <223> OTHER INFORMATION: Xaa is Ile, Leu, Thr, Met, Val
 323 <220> FEATURE:
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 326 <223> OTHER INFORMATION: Xaa is Asp, Val
 329 <220> FEATURE:
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 331 <222> LOCATION: (14)..(14)
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 335 <220> FEATURE:
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 338 <223> OTHER INFORMATION: Xaa is Ala, Gly, Pro, Arg, Tyr
 341 <400> SEQUENCE: 5
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 348 <211> LENGTH: 16
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 358 <223> OTHER INFORMATION: Xaa is any L or D amino acid
 361 <220> FEATURE:

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/863,600D

DATE: 11/21/2002
 TIME: 13:50:09

Input Set : A:\PRI0014.ST25.txt
 Output Set: N:\CRF4\11212002\I863600D.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,6,9,10
 Seq#:2; Xaa Pos. 2,3,4,5,8,11,12
 Seq#:3; Xaa Pos. 1,3,4,5,6,9,12,13,14,15,16
 Seq#:4; Xaa Pos. 1,3,5,6,9,12,14,15,16
 Seq#:5; Xaa Pos. 1,3,4,5,6,9,12,14,15,16
 Seq#:6; Xaa Pos. 1,3,5,6,9,12,14,15,16
 Seq#:37; Xaa Pos. 4
 Seq#:38; Xaa Pos. 4
 Seq#:39; Xaa Pos. 4
 Seq#:40; Xaa Pos. 4
 Seq#:41; Xaa Pos. 4
 Seq#:42; Xaa Pos. 4
 Seq#:43; Xaa Pos. 1
 Seq#:47; Xaa Pos. 1,2,3,4,5,6,7,8
 Seq#:48; Xaa Pos. 1,2,5,8
 Seq#:49; Xaa Pos. 1,2,3,4,5,8,11,12